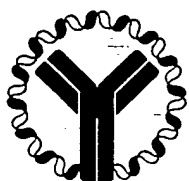


EXHIBIT 48



ImClone Systems Incorporated



DNA Probe Technology — The AmpliProbe™ System

DNA probes identify cells, viruses and other microorganisms through the detection of their unique genetic material. Each probe consists of a single-stranded DNA sequence that is complementary to a segment of the DNA of the target microorganism. Each probe carries detection material. DNA probes have the potential to provide improved specificity in diagnostics.

Although DNA probes have been an important tool in research laboratories, their entry into the clinical laboratory market has been hampered by the necessity for radioactive labels to identify the sequences bound to the target DNA. The broad use of radioactive probes in clinical laboratories poses health and safety questions, and waste disposal is costly. Non-radioactive readout systems to date have had variable results in providing the needed sensitivity (ability to detect small quantities) for clinical use. ImClone believes that its proprietary AmpliProbe™ System will produce a

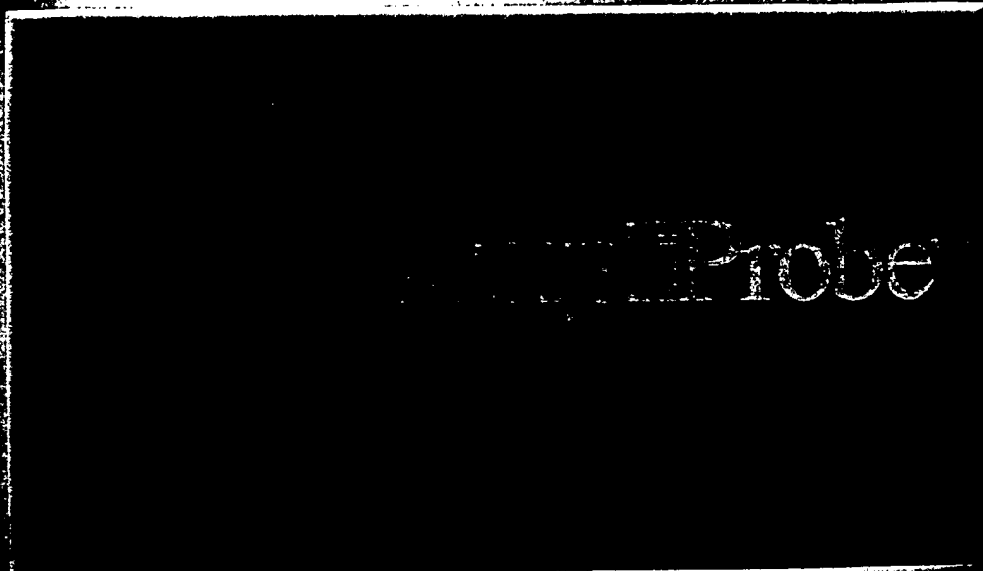
highly sensitive, non-radioactive diagnostic test for use in the clinical market, as well as the research laboratory market.

The AmpliProbe™ System is composed of two elements:

- 1) a primary probe containing a DNA sequence complementary to a specific DNA sequence in the target organism.
- 2) a multiple of secondary probes, each labelled with non-radioactive markers such as enzymes. The secondary probes contain DNA sequences which will bind them to the primary probe. The result is a multi-probe structure able to carry more detection material than conventional single probe systems, greatly enhancing sensitivity.

**IMCLONE'S COMPUTER-
ASSISTED MOLECULAR
ANALYSIS GROUP
FACILITATES THE
UNDERSTANDING OF
THE PHYSICAL AND
CHEMICAL PROPERTIES
WHICH AFFECT A
COMPOUND'S ACTIVITY.**

**AT LAST, A DNA/RNA PROBE SYSTEM
THAT LETS YOU SEE THE LIGHT INSIDE WHILE
IT'S STILL LIGHT OUTSIDE.**



New AmpliProbe® delivers chemiluminescent results in a single day. The AmpliProbe® DNA/RNA probe system is the only assay that lets you perform hybridizations to Northern, Southern, and slot blots, as well as colony and plaque lifts, in a single day. That means under 7 hours from hybridization to signal detection. Or, if you prefer, the same results can be obtained with an overnight hybridization. Unique nonradioactive signal amplification enhances sensitivity, assures safety. This patented* signal amplification system with chemiluminescent readout achieves sensitivity levels of single-copy gene detection while avoiding the hazards and expense of radioisotopes. Unlimited flexibility for the greatest of ease. AmpliProbe® is available in both target-specific assays and a universal detection kit. Target-specific kits for CMV, EBV, HBV, HIV, and HSV-1/2, c-myc, and erb B-2 are "ready-to-go." That means no prelabeling. The universal kit lets you detect a virtually unlimited range of targets in M13. Expert support from pioneers in biotechnology. Contact ImClone Systems Incorporated, 180 Varick Street, New York, New York 10014, or call 1-800-966-4-DNA (966-4362).

AmpliProbe®
All in a day's work



ImClone Systems

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Interaction of Primary and Secondary Probes

